

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

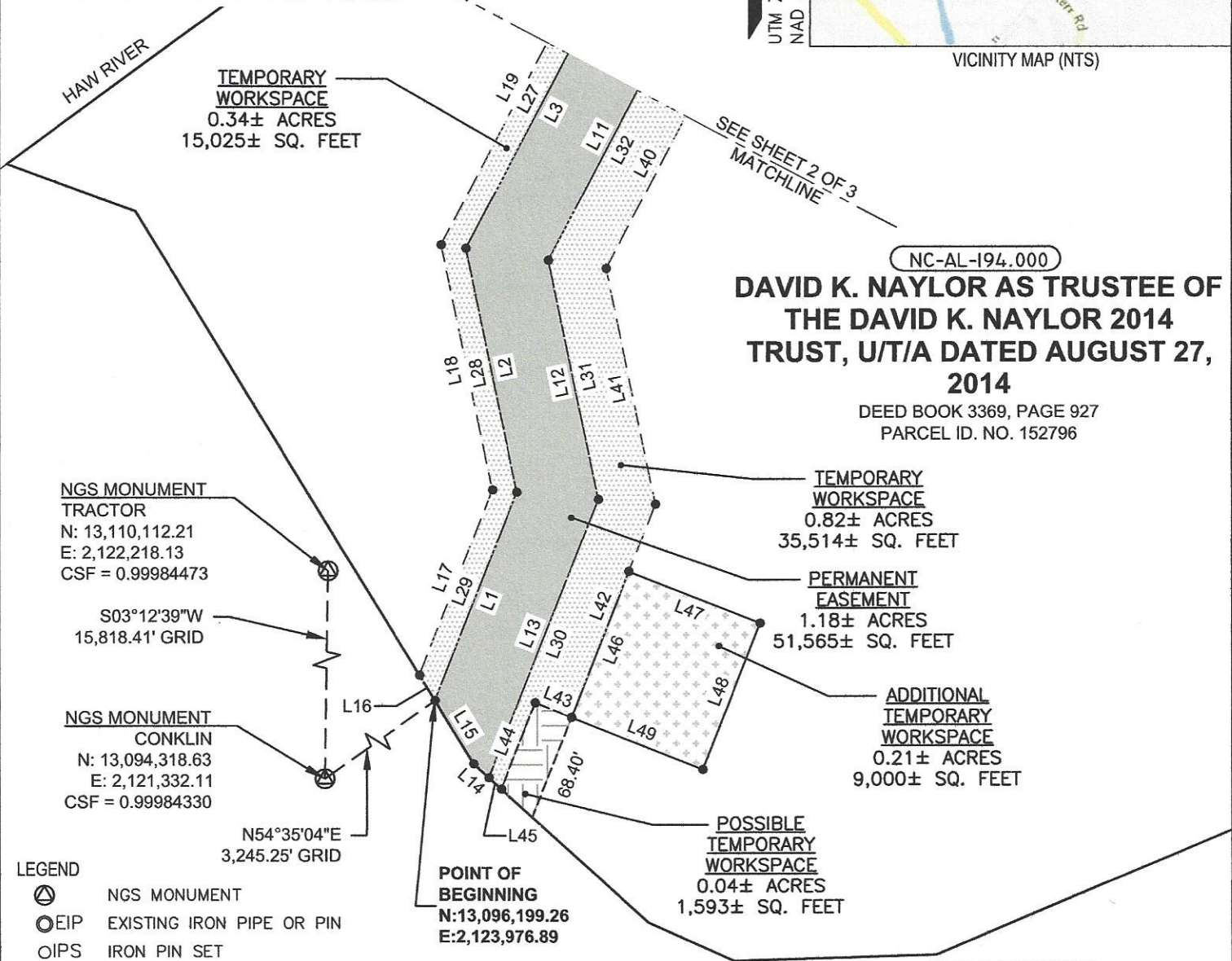
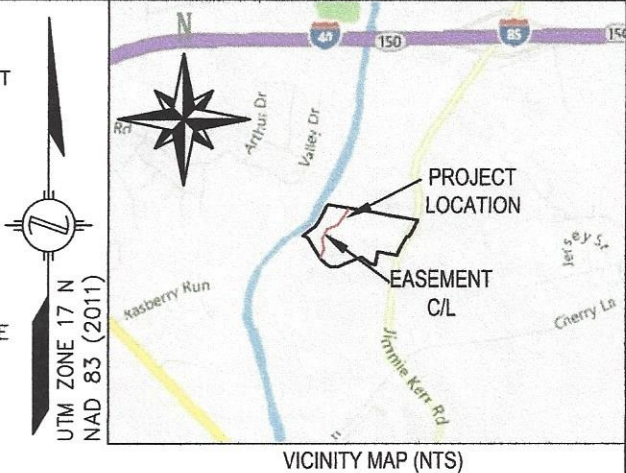
Exhibit 33 to Complaint

Map of MVP Parcel No. NC-AL-194.000

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 3369, PAGE 927
5. PARCEL ID: 152796
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



- LEGEND
- NGS MONUMENT
 - EXISTING IRON PIPE OR PIN
 - IRON PIN SET
 - COMPUTED POINT
 - LINE NOT TO SCALE
 - PERMANENT ACCESS ROAD
 - TEMPORARY ACCESS ROAD
 - PERMANENT EASEMENT
 - TEMPORARY WORKSPACE
 - ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
 - POSSIBLE TEMPORARY WORKSPACE

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 3369, page 927); that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 3rd day of June, 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: _____

DATE: _____

TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591



NC-AL-194.000

DAVID K. NAYLOR AS TRUSTEE OF THE DAVID K. NAYLOR 2014 TRUST, U/T/A DATED AUGUST 27, 2014

DEED BOOK 3369, PAGE 927
PARCEL ID. NO. 152796

TEMPORARY WORKSPACE
0.82± ACRES
35,514± SQ. FEET

PERMANENT EASEMENT
1.18± ACRES
51,565± SQ. FEET

ADDITIONAL TEMPORARY WORKSPACE
0.21± ACRES
9,000± SQ. FEET

POSSIBLE TEMPORARY WORKSPACE
0.04± ACRES
1,593± SQ. FEET

NC-AL-195.000
N/F
MARK R. HALL AND WIFE, LISA H. HALL
DEED BOOK 522, PAGE 224

DAVID K. NAYLOR AS TRUSTEE OF THE DAVID K. NAYLOR 2014 TRUST, U/T/A DATED AUGUST 27, 2014

AREA OF PERMANENT EASEMENT:	sq. ft. 51,565±	acres 1.18 ACRES
AREA OF TEMPORARY WORKSPACE:	50,539±	1.16 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE:	28,706±	0.66 ACRES
AREA OF POSSIBLE TEMPORARY WORKSPACE:	1,593±	0.04±

CENTERLINE OF EASEMENT: 1,032± feet 62.54± rods

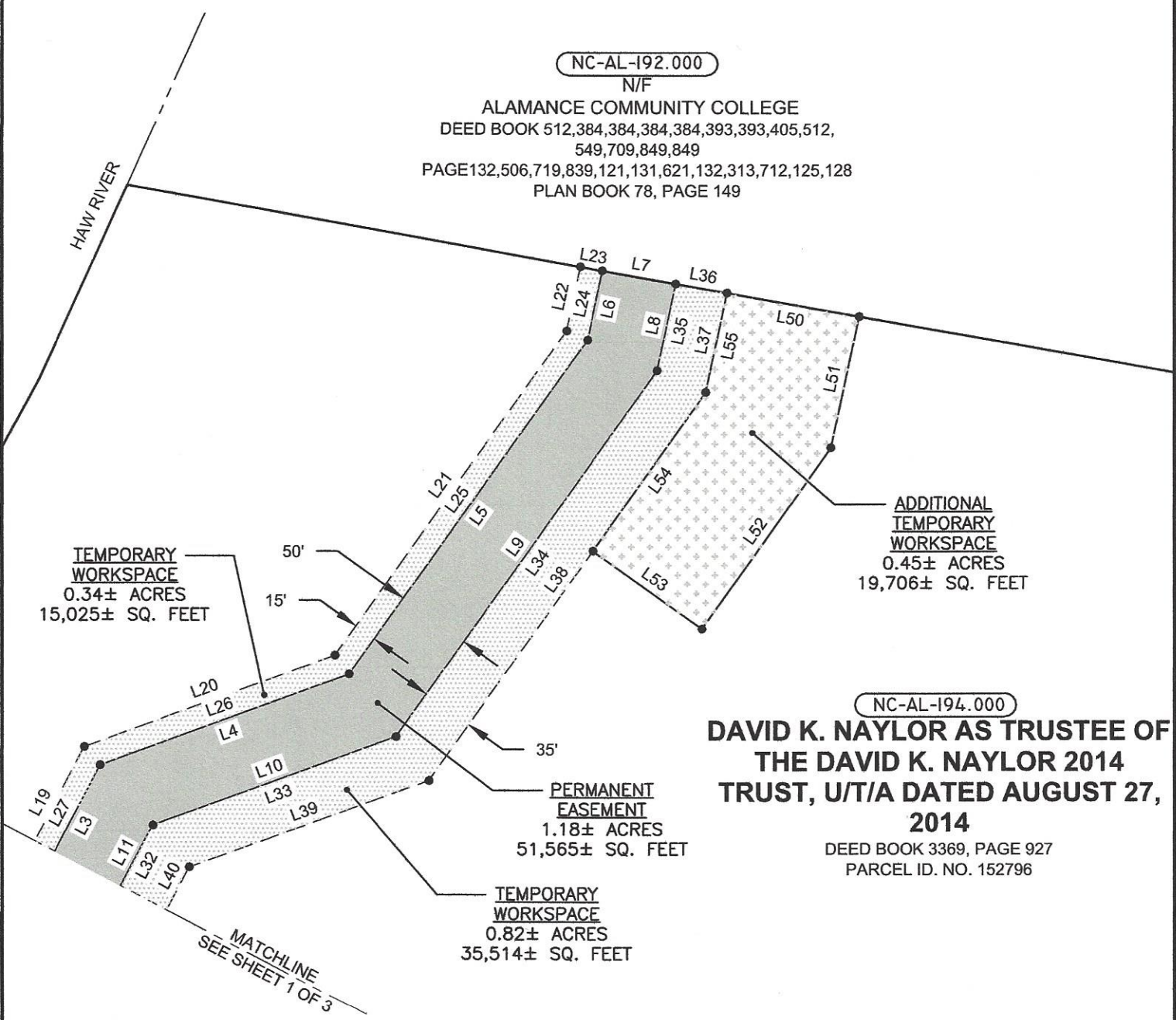
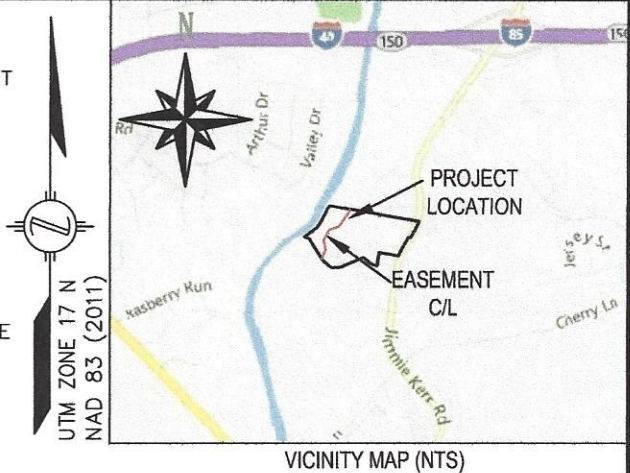
SEE SHEET 3 OF 3 FOR LINE TABLES & DETAILS

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF HAW RIVER ALAMANCE COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF DAVID K. NAYLOR AS TRUSTEE OF THE DAVID K. NAYLOR 2014 TRUST, U/T/A DATED AUGUST 27, 2014 NC-AL-194.000 DEED BOOK 3369, PAGE 927				
Drawn By: DJB	Chk'd By: DD	App'd By: TWK	TRC Proj. No. 300423	Scale: 1"=100'
Drawn Date: 2/28/19			Sheet: 1 OF 3	MVP Proj. No.
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
1	2/28/2019		ISSUE FOR REVIEW	
2	3/31/19		UPDATED ADJOINER INFO	
3	5/4/20	MSF	GENERAL REVISIONS	TWK
No.	Date	Rev By	Description	Checked

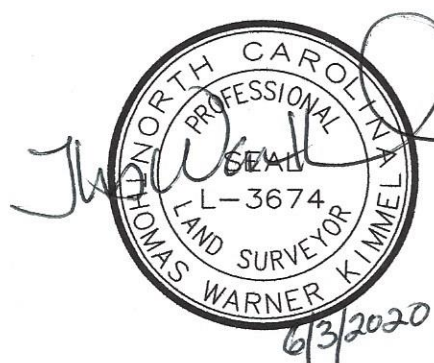
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LAND OWNER INITIALS: _____
DATE: _____

SEE SHEET 3 OF 3 FOR LINE TABLES & DETAILS

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SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	N21°33'27"E	142.87'
L2	N11°50'24"W	158.43'
L3	N27°45'09"E	206.24'
L4	N70°03'54"E	177.87'
L5	N35°35'15"E	275.62'
L6	N12°06'29"E	47.61'
L7	S79°55'32"E	50.03'
L8	S12°06'29"W	59.78'
L9	S35°35'15"W	301.52'
L10	S70°03'54"W	174.04'
L11	S27°45'09"W	168.90'
L12	S11°50'24"E	155.43'
L13	S21°33'27"W	190.83'
L14	N47°51'53"W	13.02'
L15	N31°32'28"W	47.28'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L16	N31°32'28"W	18.76'
L17	N21°33'26"E	127.10'
L18	N11°50'24"W	159.33'
L19	N27°45'09"E	217.45'
L20	N70°03'54"E	179.03'
L21	N35°35'15"E	267.85'
L22	N12°06'29"E	43.96'
L23	S79°55'32"E	15.01'
L24	S12°06'29"W	47.61'
L25	S35°35'15"W	275.62'
L26	S70°03'54"W	177.87'
L27	S27°45'09"W	206.24'
L28	S11°50'24"E	158.43'
L29	S21°33'27"W	142.87'
L30	N21°33'27"E	190.83'
L31	N11°50'24"W	155.43'
L32	N27°45'09"E	168.90'
L33	N70°03'54"E	174.04'
L34	N35°35'15"E	301.52'
L35	N12°06'29"E	59.78'
L36	S79°55'32"E	35.02'
L37	S12°06'29"W	68.29'
L38	S35°35'15"W	319.66'
L39	S70°03'54"W	171.35'
L40	S27°45'09"W	142.75'
L41	S11°50'24"E	153.33'
L42	S21°33'27"W	146.07'
L43	N68°26'33"W	25.00'
L44	S21°33'27"W	59.02'
L45	N47°51'53"W	10.68'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L46	N21°33'27"E	100.00'
L47	S68°26'33"E	90.00'
L48	S21°33'27"W	100.00'
L49	N68°26'33"W	90.00'
L50	S79°55'32"E	90.04'
L51	S12°06'29"W	90.19'
L52	S35°35'15"W	149.10'
L53	N54°24'45"W	89.99'
L54	N35°35'15"E	130.41'
L55	N12°06'29"E	68.29'

SEE SHEET 1 & 2 OF 3 FOR GRAPHICS AND LABELS



LAND
OWNER
INITIALS: _____

DATE: _____

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